

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,139,633 B2  
APPLICATION NO. : 10/652260  
DATED : November 21, 2005  
INVENTOR(S) : Jyoti Mazumder et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, lines 15-16, replace "a base of a" with --a substrate of a--

Column 2, line 1, replace "base" with --substrate--

Column 2, line 35, replace "base" with --substrate--

Column 2, line 43, replace "base" with --substrate--

Column 2, line 45, replace "base" with --substrate--

Column 2, line 49, replace "base" with --substrate--

Column 2, line 50, after "sensor" insert --and--

Column 2, line 52, replace "base" with --substrate--

Column 2, line 53, after "Fig. 2" delete "and"

Column 2, line 64, replace "base" with --substrate--

Column 2, line 65, replace "base" with --substrate--

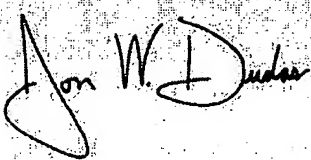
Column 3, line 6, before "work engaging" insert --in Fig. 2, 0--

Column 3, line 7, replace "base" with --substrate--

Column 3, line 8, replace "base" with --substrate--

Signed and Sealed this

Seventeenth Day of April, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas", is written over a rectangular area that has been shaded with a stippled pattern.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*